



Certificate of Analysis

Pages 1 of 5

FOR COMPLIANCE

FAILED



Batch #: refresh-flower-0008
Production Method: Cured
Total Amount: 131 units
Retail Product Size: 3.5 gram
Retail Serving Size: 3.5 gram
Servings: 1
Metrc Package #: Dutchie
Metrc Source Package # : NA

Lab ID: AL51205009-006
Sampled Date: 12/05/25
Sample Collection Time: 03:25 PM
Sampling End: 04:00 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 5 units
Completed: 12/12/25

LotusWorks Wellness

261 Main St
Beacon, NY, 12508, US
www.lotusworkswellness.com
License # : OCM-MICR-24-000017

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
FAILED



Mycotoxins
PASSED



Solvents
NOT TESTED



Filtration
PASSED



Water Activity
PASSED



Moisture Content
PASSED



Terpenes
PASSED



Cannabinoid

PASSED



Total THC
17.1496%
Total THC : 600.2361 mg



Total CBD
<0.1000
Total CBD : 0



Total Cannabinoids
19.7136%
Total Cannabinoids/Container :
689.9755 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.3915	<0.1000	<0.1000	1.6593	17.6628	<0.1000
mg/unit	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	13.7010	<3.5000	<3.5000	58.0760	618.1985	<3.5000
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Weight:
0.2145g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 12/10/25 09:48:38

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Erica Troy
Lab Director

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Signature
12/12/25



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Sample: AL51205009-006

Batch #: refresh-flower-0008
Seed to sale: Dutchie

Ordered: 12/04/25
Sampled: 12/05/25
Completed: 12/12/25

FAILED



Label Claim Verification

PASSED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A
Analyzed Date : 12/10/25 09:48:51



Terpenes

PASSED

ANALYTES

LOQ LIMIT PASS/FAIL RESULT (%) (MG/UNIT) QUALIFIER

TOTAL TERPENES		0.1000	11.5	PASS	0.7500	26.2500
BETA-CARYOPHYLLENE		0.0040	10	PASS	0.2500	8.7500
ALPHA-HUMULENE		0.0040	10	PASS	0.1100	3.8500
ALPHA-BISABOLOL		0.0040	10	PASS	0.1000	3.5000
LIMONENE		0.0040	10	PASS	0.0900	3.1500
LINALOOL		0.0040	10	PASS	0.0400	1.4000
ALPHA TERPINEOL		0.0040	10	PASS	0.0300	1.0500
FENCHYL ALCOHOL		0.0040	10	PASS	0.0300	1.0500
CARYOPHYLLENE OXIDE		0.0040	10	PASS	0.0200	0.7000
BETA-MYRCENE		0.0040	10	PASS	0.0200	0.7000
BETA-PINENE		0.0040	10	PASS	0.0200	0.7000
GERANIOL		0.0040	10	PASS	0.0100	0.3500
GUAJOL		0.0040	10	PASS	0.0100	0.3500
VALENCENE		0.0040	10	PASS	0.0100	0.3500
ALPHA-PINENE		0.0040	10	PASS	0.0100	0.3500
CAMPHERE		0.0040	10	PASS	<0.0040	<0.1400
FARNESENE		0.0040	10	PASS	<0.0040	<0.1400
MENTHOL		0.0040	10	PASS	<0.0040	<0.1400
OCIMENE		0.0040	10	PASS	<0.0040	<0.1400
TERPINOLENE		0.0040	10	PASS	<0.0040	<0.1400
ALPHA-PHELLANDRENE		0.0040	10	PASS	<0.0040	<0.1400
ALPHA-TERPINENE		0.0040	10	PASS	<0.0040	<0.1400

Weight:

0.529g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 12/09/25 08:27:08



Pesticide

PASSED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

PRALLETHRIN	ppm	0.1000	0.2	PASS	<0.1000	
ACEQUINOCYL	ppm	0.1000	2	PASS	<0.1000	
PYRETHRINS, TOTAL	ppm	0.1000	1	PASS	<0.1000	
AZADIRACTIN	ppm	0.1000	1	PASS	<0.1000	
INDOLE-3-BUTYRIC ACID	ppm	0.1000	1	PASS	<0.1000	
MYCLOBUTANIL	ppm	0.1000	0.2	PASS	<0.1000	
PIPERONYL BUTOXIDE	ppm	0.1000	2	PASS	<0.1000	
ABAMECTIN B1A	ppm	0.1000	0.5	PASS	<0.1000	
ACEPHATE	ppm	0.1000	0.4	PASS	<0.1000	
ACETAMIPRID	ppm	0.1000	0.2	PASS	<0.1000	
ALDICARB	ppm	0.1000	0.4	PASS	<0.1000	
AZOXYSTROBIN	ppm	0.1000	0.2	PASS	<0.1000	

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Erica Troy
Lab Director

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CPL-2022-00006
ISO 17025 Accreditation #
97164



Signature
12/12/25



1 Winners Circle
Albany, NY, 12205, US
(833) 465-8378

Kaycha Labs
Refresh Flower 8
Strain: Garlic Diesel
Matrix: Flower
Classification: Hybrid
Type: Flower - Cured



Certificate of Analysis

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LotusWorks Wellness

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Beacon, NY, 12508, US
www.lotusworkswellness.com
License #: OCM-MICR-24-000017

Sample: AL51205009-006

Batch #: refresh-flower-0008
Seed to sale: Dutchie

Ordered: 12/04/25
Sampled: 12/05/25
Completed: 12/12/25

FAILED



Pesticide

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CHLORMEQUAT CHLORIDE	ppm	0.1000	1	PASS	<0.1000	
BIFENAZATE	ppm	0.1000	0.2	PASS	<0.1000	
BIFENTHRIN	ppm	0.1000	0.2	PASS	<0.1000	
CARBARYL	ppm	0.1000	0.2	PASS	<0.1000	
CHLORPYRIFOS	ppm	0.1000	0.2	PASS	<0.1000	
COUMAPHOS	ppm	0.1000	1	PASS	<0.1000	
DAMINOZIDE	ppm	0.1000	1	PASS	<0.1000	
CARBOFURAN	ppm	0.1000	0.2	PASS	<0.1000	
BOSCALID	ppm	0.1000	0.4	PASS	<0.1000	
CHLORANTRANILIPROLE	ppm	0.1000	0.2	PASS	<0.1000	
DIAZINON	ppm	0.1000	0.2	PASS	<0.1000	
CLOFENTEZINE	ppm	0.1000	0.2	PASS	<0.1000	
DICHLORVOS	ppm	0.1000	1	PASS	<0.1000	
DIMETHOATE	ppm	0.1000	0.2	PASS	<0.1000	
DIMETHOMORPH	ppm	0.1000	1	PASS	<0.1000	
ETHOPROPHOS	ppm	0.1000	0.2	PASS	<0.1000	
ETOFENPROX	ppm	0.1000	0.4	PASS	<0.1000	
ETOXAZOLE	ppm	0.1000	0.2	PASS	<0.1000	
FENHEXAMID	ppm	0.1000	1	PASS	<0.1000	
FENOXYCARB	ppm	0.1000	0.2	PASS	<0.1000	
FENPYROXIMATE	ppm	0.1000	0.4	PASS	<0.1000	
FIPRONIL	ppm	0.1000	0.4	PASS	<0.1000	
FLONICAMID	ppm	0.1000	1	PASS	<0.1000	
FLUDIOXONIL	ppm	0.1000	0.4	PASS	<0.1000	
HEXYTHIAZOX	ppm	0.1000	1	PASS	<0.1000	
IMAZALIL	ppm	0.1000	0.2	PASS	<0.1000	
IMIDACLOPRID	ppm	0.1000	0.4	PASS	<0.1000	
KRESOXIM METHYL	ppm	0.1000	0.4	PASS	<0.1000	
MALATHION	ppm	0.1000	0.2	PASS	<0.1000	
METALAXYL	ppm	0.1000	0.2	PASS	<0.1000	
METHIOCARB	ppm	0.1000	0.2	PASS	<0.1000	
METHOMYL	ppm	0.1000	0.4	PASS	<0.1000	
MEVINPHOS	ppm	0.1000	1	PASS	<0.1000	
NALED	ppm	0.1000	0.5	PASS	<0.1000	
OXAMYL	ppm	0.1000	1	PASS	<0.1000	
PACLOBUTRAZOL	ppm	0.1000	0.4	PASS	<0.1000	
PERMETHRIN	ppm	0.1000	0.2	PASS	<0.1000	
PHOSMET	ppm	0.1000	0.2	PASS	<0.1000	
PROPICONAZOLE	ppm	0.1000	0.4	PASS	<0.1000	
PROPOXUR	ppm	0.1000	0.2	PASS	<0.1000	
PYRIDABEN	ppm	0.1000	0.2	PASS	<0.1000	
SPINETORAM, TOTAL	ppm	0.1000	1	PASS	<0.1000	
SPINOSAD, TOTAL	ppm	0.1000	0.2	PASS	<0.1000	
SPIROMESIFEN	ppm	0.1000	0.2	PASS	<0.1000	
SPIROTETRAMAT	ppm	0.1000	0.2	PASS	<0.1000	
SPIROXAMINE	ppm	0.1000	0.2	PASS	<0.1000	
TEBUCONAZOLE	ppm	0.1000	0.4	PASS	<0.1000	
THIACLOPRID	ppm	0.1000	0.2	PASS	<0.1000	
THIAMETHOXAM	ppm	0.1000	0.2	PASS	<0.1000	
TRIFLOXYSTROBIN	ppm	0.1000	0.2	PASS	<0.1000	
CAPTAN	ppm	0.1000	1	PASS	<0.1000	
CHLORDANE	ppm	0.1000	1	PASS	<0.1000	
CHLORFENAPYR	ppm	0.1000	1	PASS	<0.1000	
CYFLUTHRIN	ppm	0.1000	1	PASS	<0.1000	
CYPERMETHRIN	ppm	0.1000	1	PASS	<0.1000	

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Kaycha Labs
Refresh Flower 8
Strain: Garlic Diesel
Matrix: Flower
Classification: Hybrid
Type: Flower - Cured



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Sample: AL51205009-006

Batch #: refresh-flower-0008
Seed to sale: Dutchie

Ordered: 12/04/25
Sampled: 12/05/25
Completed: 12/12/25

FAILED



Pesticide

PASSED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
METHYL PARATHION	ppm	0.1000	0.2	PASS	<0.1000	
MGK-264	ppm	0.1000	0.2	PASS	<0.1000	
PENTACHLORONITROBENZENE	ppm	0.1000	1	PASS	<0.1000	

Weight:
1.0508g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 12/09/25 12:43:25

Weight:
1.0508g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 12/11/25 08:21:30



Microbial

FAILED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	100		TESTED	67000	
TOTAL YEAST AND MOLD	CFU/g	100		TESTED	300	
ESCHERICHIA COLI/SHIGELLA SPP.			Not Present	PASS	Not Present	
SALMONELLA SPECIES			Not Present	PASS	Not Present	
ASPERGILLUS TERREUS			Not Present	PASS	Not Present	
ASPERGILLUS NIGER			Not Present	PASS	Not Present	
ASPERGILLUS FLAVUS			Not Present	PASS	Not Present	
ASPERGILLUS FUMIGATUS			Not Present	FAIL	Present	

Weight:
0.82g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 12/12/25 10:45:21



Mycotoxins

PASSED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS (B1, B2, G1, G2)	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G1	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B1	ppm	0.0100	0.02	PASS	<0.0100	
OCHRATOXIN A+	ppm	0.0100	0.02	PASS	<0.0100	

Weight:
1.0508g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 12/09/25 12:40:03

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Batch #: refresh-flower-0008
Seed to sale: Dutchie

Ordered: 12/04/25
Sampled: 12/05/25
Completed: 12/12/25

FAILED



Water Activity

PASSED

ANALYTES

WATER ACTIVITY

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
aw	0.10	0.65	PASS	0.32	

Weight:
0.2833g

Analysis Method : SOP.T.40.019
Analyzed Date : 12/09/25 12:38:01



Moisture Content

PASSED

ANALYTES

MOISTURE CONTENT

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
%	1.0	15	PASS	4.8	

Weight:
0.998g

Analysis Method : SOP.T.40.021
Analyzed Date : 12/10/25 12:22:23



Heavy Metals

PASSED

ANALYTES

ANTIMONY
ARSENIC
CADMIUM
CHROMIUM
COPPER
LEAD
MERCURY
NICKEL

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ug/g	0.1000	2	PASS	<0.1000	
ug/g	0.1000	0.2	PASS	<0.1000	
ug/g	0.1000	0.2	PASS	<0.1000	
ug/g	1.0000	110	PASS	<1.0000	
ug/g	1.0000	30	PASS	5.7995	
ug/g	0.1000	0.5	PASS	<0.1000	
ug/g	0.0100	0.1	PASS	<0.0100	
ug/g	0.1000	5	PASS	0.1387	

Weight:
0.5123g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 12/09/25 18:50:27



Filtration/Foreign Material

PASSED

ANALYTES

FOREIGN MATTER
MAMMALIAN EXCRETA
STEMS (>3MM)

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
%	0.10	2	PASS	ND	
mg	0.10	1	PASS	ND	
%	1.00	5	PASS	ND	

Weight:
5.1354g

Analysis Method : SOP.T.40.090
Analyzed Date : 12/10/25 09:07:40

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